




ORIGINAL FILED  
COPY OF PAPERS

T.D M P  
Date: April 23, 2002  
File No: 84090

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ji Zhang  
Serial No.: 10/057,701  
Filed: January 24, 2002  
For: **METHODS AND SYSTEM FOR  
ANALYSIS AND VISUALIZATION  
OF MULTIDIMENSIONAL DATA**

) I hereby certify that this correspondence is  
) being deposited with the United Postal Service  
) as first class mail in an envelope addressed to:  
) Box MISSING PARTS / Commissioner for  
) Patents / Washington, DC 20231, on April 23,  
) 2002

)   
) Shannon L. Nebolsky  
) Reg. No. 41,217

**COMPLETION OF FILING REQUIREMENTS**

Box MISSING PARTS  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

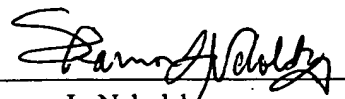
Transmitted herewith in response to the Notice to File Missing Parts of Application --  
Filing Date Granted dated February 26, 2002 are:

- (X) Declaration or Oath for this application.
- ( ) Filing fee for this application.
- ( ) Assignment(s) of the invention to \_\_\_\_\_.
- ( ) Petition for Extension of Time.
- ( ) Other: \_\_\_\_\_.
- (X) A Check in the amount of \$ 65.00 to cover the surcharge.
- ( ) Charge \$ \_\_\_\_\_ to Deposit Account No. 23-0920.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 23-0920. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 23-0920. A duplicate copy of this sheet is enclosed.

120 South Riverside Plaza  
22nd Floor  
Chicago, Illinois 60606-3913  
Telephone: (312) 655-1500

**WELSH & KATZ, LTD.**

By

  
Shannon L. Nebolsky  
Registration No. 41,217

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$65.00

## Complete if Known

Application Number 10/057,701

Confirmation No. 3604

Filing Date January 24, 2002

First Named Inventor Ji Zhang

Examiner Name Not Assigned

Group Art Unit 2672

Attorney Docket No. 84090

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number

23-0920

Deposit  
Account  
Name

Welsh & Katz, Ltd.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

### 2. EXTRA CLAIM FEES FOR UTILITY AND

Total Claims		Independent Claims		Multiple Dependent		Fee from below		Fee Paid

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

\$0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	65.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non - English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR § 1.17(q)	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

SUBTOTAL (3)

\$65.00

## SUBMITTED BY

Name (Print/Type)

Shannon L. Nebolsky

Registration No.  
(Attorney/Agent)

41,217

## Complete (if applicable)

Telephone

(312)655-1500

Signature

*Shannon L. Nebolsky*

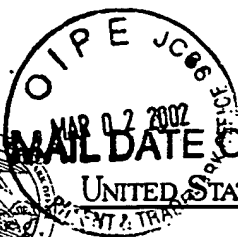
Date

April 23, 2002

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

COPY OF PAPERS  
ORIGINAL FILED



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/057,701	01/24/2002	Ji Zhang	84090

CONFIRMATION NO. 3604

24628  
WELSH & KATZ, LTD  
120 S RIVERSIDE PLAZA  
22ND FLOOR  
CHICAGO, IL 60606

## FORMALITIES LETTER



\*OC000000007536190\*

Date Mailed: 02/26/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

Adjusted date: 05/22/2002 SSALEEKU

05/03/2002 YPOLITE1 00000046 10057701

01-FC:205 65.00 DP

A copy of this notice **MUST** be returned with the reply.

05/22/2002 SSALEEKU 00000016 230920 10057701

01-FC:105 65.00 DP 65.00 DP

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

05/03/2002 YPOLITE1 00000046 10057701

01-FC:205 65.00 DP

COPY OF PAPERS  
ORIGINALLY FILED